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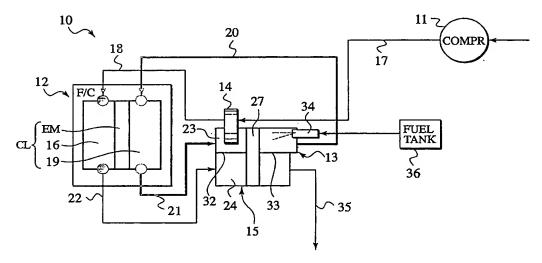
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(54) Title: FUEL CELL SYSTEM AND RELATED METHOD



(57) Abstract: A fuel cell system is provided with a fuel cell (12) having a fuel electrode (19) supplied with fuel gas and an air electrode (16) supplied with oxidizer gas, a carbon dioxide separator (15, 52, 71) separating carbon dioxide from anode exhaust gas (25) expelled from the fuel electrode of the fuel cell, and a fuel vaporizer (13, 58) producing fuel gas by injecting fuel into anode exhaust gas, whose carbon dioxide is separated in the carbon dioxide separator and which is expelled from the carbon dioxide separator. Fuel gas produced in the fuel vaporizer is supplied to the fuel electrode of the fuel cell.

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